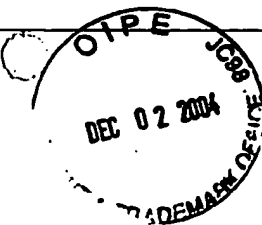


FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



Atty.
Dkt. No.

M#

Client Ref.

307481

SPO-2581

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: NAGAOKA

Appl. No.: NOT ASSIGNED

Filing Date: January 29, 2004

Date: January 29, 2004

Page

1

of

1

Examiner: NOT
ASSIGNED

Group Art Unit: NOT
ASSIGNED

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 4,026,641	05/1977	Bosserman et al.			
	BR 5,305,124	04/1994	Chern et al.			
	CR 5,513,041	04/1996	Togino			
	DR 5,706,136	01/1998	Okuyama et al.			
	ER 5,734,505	03/1998	Togino et al.			
	FR 5,864,326	01/1999	Rallison			
	GR 5,933,279	08/1999	Yamazaki			
	HR 5,949,583	09/1999	Rallison et al.			
	IR 6,222,677	04/2001	Budd et al.			
	JR 6,445,507	09/2002	Togino et al.			
	KR 2001/0048561A1	12/2001	Heacock			
	LR 2002/0036831A1	03/2002	Inoguchi et al.			
	MR					
	NR					

Handwritten: Duplicate

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
	OR 08-240773	09/1996	Japan	Takahashi				
	PR							
	QR							
	RR							
	SR							
	TR							
	UR							
	VR							
	WR							
	XR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR							
	ZR							
	AAR							
	BBR							

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.